

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

HARRISON, A. S.,
U. S. MARINE, 2D LT COL, 1, 1951 (1951)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4"

SOV/112-58-2-1888

Translation from: Referativnyj zhurnal, Elektrotehnika, 1958 N° 2 p 15 (USSR)

AUTHOR: Petrushenko, A. A.

TITLE: Methane State Diagram in the Enthalpy, Pressure Coordinates
(Diagramma sostoyaniya metana v koordinatakh ental'pija-davleniye)

PERIODICAL: Tr. Teplofizicheskaya gaza i kommu. kh. v. prirod.-st. AN
USSR, 1956, Vol 4, pp 3-5

ABSTRACT: A diagram of methane state is presented in coordinates $\lg P$. As compared to existing diagrams, P and t ranges have been extended to 1,000 kg/cm² and 700°C respectively. More accurate values are also supplied on the saturation line where considerable discrepancies among data by various authors have existed. The data that served for construction of the diagram are presented.

V. L. L.

Card 1/1

PETRUSHENKO, A.A.

Phase diagram of methane expressed in the enthalpy -- pressure
coordinates. Trudy Inst. isp. gaza AN URSR no.4:3-5 '56. (MIRA 10:12)
(Methane) (Phase rule and equilibrium)

KIIMENKO, Aleksandr Petrovich; PETRUSHENKO, Aleksandr Antonovich; VASENTSOV,
Yuriy Andreyevich; VYSOTSKIY, Grigoriy Ivanovich; CHEGLIKOV, A.S.,
otv.red.; REMENOK, T.I., red.izd-va; RAKELINA, N.F., tekts.-rez.

[Thermodynamic properties of light hydrocarbons of the paraffin
series] Termodinamicheskie svoistva lekikh uglevodorodov parafinovogo
riada. Kyiv, Izd-vo Akad.nauk Ukrainskoj SSR, 1960. 95 p. (Akademija
nauk URSR, Kiev. Instytut vykorystannia gazu. Trudy, no.8).
(MIRA L.:12)

(Hydrocarbons--Analysis)

9(2)
7(1)

SCV/107-58-10-51/55

AUTHORS: Cherepanov, V. and Petrushchenkov, M. (Baratov)

TITLE: An Instrument for Listening to Sounds (Prilozhenie dlya proslushivaniya shumov)

PERIODICAL: Radio, 1954, Nr 12, p 57 (USSR)

ABSTRACT: The author describes a simple, compact, easily transportable instrument for listening to the sounds produced in bearings or friction parts in machinery, and for studying them. Its main circuit diagram is shown in Fig. 1. A kenotron, constructed according to a full-wave circuit, feeds the anode and screen circuits. The first stage, a voltage rectifier, is based on a 6Zh8 valve (L_1), the second stage on a 6F6S valve (L_2), and a 6Ts5S kenotron (L_3) is used in the rectifier. A microphone transformer, having a battery with a voltage of 1.5 v in its primary winding, is switched into the amplifier output. An output transformer, designed to be connected

Card 1/2

30V, 10 MA, 411-51 55

An Instrument for Listening to Sounds

to high-resistance telephones and an oscilloscope, is switched into the amplifier output in the circuit of the 6F₁S anode. The winding data of the parts is given in the table, and the probe is described and illustrated in Fig. 2. There is 1 drawing, 1 circuit diagram and 1 table.

Card 1/1

PETRUSHOVA, N.I.

*Review of Applied
Mycology*

V. 33, Part 1

Jan 1954

PETRUSHOVA (Мир Н. И.) & KUDRYASHOVA (Мир Л. С.) Борьба с заболеванием юных цитрусовых культур черной ногой [Control of black leg disease of Citrus nursery seedlings].-- Сад и Огород [Orchard & Garden], 1952, 4, pp. 23-24, 1 fig., 1952.

Field and laboratory studies at the Molotov Botanical Garden, Nikitaky, U.S.S.R., have shown that citrus 'black leg', a disease of young citrus seedlings in Crimea, is caused by species of *Rhizoctonia*, *Pythium*, and *Fusarium*, the first being the most aggressive of the three. Symptoms characteristic of each fungus differ a little from one another. Leaves of the plants infected with *Rhizoctonia* wilt slightly, the collar becomes brown and thin, and the stem is infected 2 to 3 cm above the ground, having a white, cobweb-like layer on the affected parts. *Pythium* sp. causes the collar region to turn yellow; the plant softens and succumbs. The stem is affected up to 1 cm above the ground. *Fusarium* infection starts from the collar, the seedlings turn yellow and dry but do not die, and in damp air pink fructifications develop. The disease sometimes causes up to 60 to 70 per cent. deaths. On 10 to 30-year-old seedlings affected with 'black leg' bands develop at the collar, which in wet weather becomes covered by a white felt. The stems become brown and thinner at the base, the roots rot, and the seedlings wilt and die.

Experiments have shown that infection can penetrate, not only through injured, but also through quite sound tissues. A solution of formalin (0.5 per cent.) applied to the soil killed all three pathogens. Satisfactory control of *Pythium* and *Fusarium* was also obtained with a 5 per cent. copper compound, which, however, was not sufficiently effective against *Rhizoctonia*.

PETRUSHINCHIKIN, M.P.

Using the AGM trolley for loading railroad ties. Put' i put. khoz.
no.6:9 Je '58. (MIRA 11:6)

1. Machal'nik proizvodstvenno-tehnicheskogo otdela putevoy mashin-
noy stantsii, stantsiya Kopi Sverdlovskoy dorogi.
(Railroads--Ties--Transportation)
(Loading and unloading)

SOV(24-57-7-74-1)
Translation from: Referativnyy zhurnal. Mekhanika, 1957, No. 7, p. 1183P

AUTHOR: Petrushenko, A. A.

TITLE: The Methane Equilibrium Diagram in Enthalpy-pressure Coordinates
(Diagramma sostoyaniya metana v koordinatakh ental'piya-davleniya)

PERIODICAL: Tr. Insta ispol'zovaniya gaza v kommun. kh-ve i prom-st. AN UkrSSR, 1956, book 4, pp 3-5

ABSTRACT: Bibliographic entry

Card 1/1

PETRUSHENKO, A. Ye.

USSR/Chemistry - Alkaloids

Apr 31

"Investigations on the Synthesis of a Number of Analogues of the Alkaloid Colchicine, II," T. F. Dankova(deceased), T. N. Dokova, N. A. Troobrzhenskiy; and A. Ye. Petrushenko, I. A. Il'styn, N. I. Shvetsov, Students, Moscow Inst of Fine Chem Tech

"Zhur Obshch Khim" Vol XXI, No 4, pp 787-800

To ascertain structure of colchicine and possibly find compds with simpler structure with colchicine-like action, synthesized the following, contg. proved or assumed structural elements of colchicine: 4 derivs of α , β -Diphenylethylamine, 2 derivs of α , β -diphenylpropylamine, 2 derivs of α , β -(diphenyl)-butylamine, 7 derivs of α -keto- α , β -diphenylpropylene.

182T30

PLANO, I.

ANNUAL

TO THE U.S.

REDSKINS, KLAN, KLAN, KLAN, KLAN,
KLAN, KLAN, KLAN, KLAN, KLAN, KLAN,
(KLAN)

PETRUSHEVSKAYA, M.G.

Homologies in the elements of the inner skeleton of some radiolarians
of the order Nassellaria. Zool. zhur. 43 no.8:1121-1128 '64.
(MIRA 17;11.

1. Zoologicheskiy institut AN SSSR, Leningrad.

VERKHOVTSEV, V.S.; PETRUSHKO, I.V.; RAKOV, M.A.; SINITSKIY, L.A.;
SHUMKOV, Yu.M.

Measurement converters with galvanically separated input and
output. Avtom. i prib. no.4:78-81 O-D '63. (MIRA 16:12)

1. Institut mashinovedeniya i avtomatiki AN UkrSSR.

PETRUSHA, G.N., inzh.

Expenditure of time in forming bundles of timber in a forest.
Trudy STI no. 32; 50-58 '62. (MIRA M-1.)

ACCESSION NR: AT4035419

S/0000/63/000/000/0298/0312

AUTHOR: Baranovskiy, V. G.; Petrusenko, I. A.

TITLE: A two-cycle magnetic bridge amplifier with a positive even-harmonics feedback circuit

SOURCE: Vsesoyuznoye soveshchaniye po ferritam i po beskontaktnym magnitnym elementam avtomatiki. 3d, Minsk. Ferrity* i beskontaktnye elementy* (Ferrites and non-contact elements); doklady* soveshchaniya. Minsk, Izd-vo AN BSSR, 1963, 298-312

TOPIC TAGS: automation, control system, automatic control, feedback, positive feedback, amplifier, magnetic amplifier, two-cycle bridge amplifier

ABSTRACT: The article reports a detailed study of a new circuit, developed by the authors (Author certificate No. 127702) and intended for use as the output cascade in automatic control systems to replace the less advantageous differential, transformer or bridge circuits currently in use. Essentially, the authors' new bridge circuit differs from that commonly used in that two, rather than one, identical coils are used in the magnetic amplifier core and connected to the opposite bridge ends, each of which is formed by two coils, connected in succession (and located in different cores, thus constituting a positive feedback loop. The

ACCESSION NR: AT4035419

authors tested the stability of the new bridge amplifier to changes in voltage, frequency and ambient temperature, determined its power characteristics and examined the transient processes involved. Compared to those in use, the new amplifier showed greater reliability, response, amplification coefficient, and stability of static characteristics, with higher power characteristics and smaller overall size and weight. Its principal technical data are: D = 45, d = 32, and h = 5 mm, w = 750 turns; feedback rectifiers of the D7Zh type; circuit feed voltage 220 v, 427 cps. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 04Dec63

DATE ACQ: 07May64

ENCL: 00

SUB CODE: IE

NO REF Sov: 003

OTHER: 000

Card 2/2

L 07509-67 EWT(1) SCTB DD
ACC NR: AP6019554 (A)

SOURCE CODE: UR/0416/66/000/001/0054/0054

AUTHOR: Lysogor, V. (Lt. Col.); Petrushanskiy, Yu. (Lt. Col., Member of medical corps)

ORG: none

TITLE: Storage of peeled potatoes

SOURCE: Tyl i snabzh sov vooruzh sil, no. 1, 1966, 54

TOPIC TAGS: food, food preservation

ABSTRACT: This article describes the method of storing potatoes which are to be used later for feeding the troops under field conditions. The potatoes are sorted, washed, peeled, and cut into sections. After this the potatoes for soups are passed through a grater and those for mashed potatoes are stored whole. Then sodium bisulfite is dissolved in cold water and a 1% working solution obtained, into which the peeled potatoes are immersed in special wire baskets for 5 min. After this operation the potatoes are removed and washed in cold water for at least 3 min at a water-to-potato ratio of 2:1. The thus treated potatoes are placed in wooden barrels or stainless steel barrels with a capacity of 200—300 liters, sealed, and loaded into trucks. They can be stored at a temperature of +1°C for up to 6—8 days, at +7°C for two days, and at a temperature of +17°C for one day. The potatoes retain their white color,

Card 1/2

L 07509-67
ACC NR: AP6019554

freshness, and vitamins. It is recommended to wash the potatoes in cold running water before cooking. The authors consider that sodium bisulfite treatment opens good possibilities for transporting prepared potatoes and storing them for a long time, which is very important for feeding troops in the field.

SUB CODE: 06/ SUBM DATE: none

Card 2/2/n/a

PETRUSHENKO, L.A., assistant

Problem concerning the possibility of modeling society
control. Izv. LETI no.48.17-32 '63. MIRA 17 12

PETRUSHENKO, L. A.

"The Philosophical Significance of the Concept of feedback in Cybernetics,"
Vestnik Leningradskogo Universiteta [Bulletin of Leningrad University],
1960, No. 17 (Economics, Philosophy, and Law Series), No. 3, Pages 76 - 86.

PETROUSHENKO, L.A.

Nature and general characteristics of the feedback principle.

Prim. mat. metod. v biol. no.3:111-114 1964.

(MIRAN 17:1)

L. Leningradskiy elektrotekhnicheskiy institut.

PETRUSHENKO, L.A. (Leningrad)

"The Nature and General Characteristics of the Principle of Inverse Correlation"

Report presented at the 3rd Conference on the use of Mathematics in Biology,
Leningrad University, 23-28 Jan. 1961.
(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963 pp 5-11)

PETRUSHENKO, N.

Lvov's firemen. Pozh.delo 3 no.1:14 Ja '57. (MLRA 10:4)
(Lvov--Firemen)

ZRACHEVSKIY, G.N., kand.tekhn.nauk; N. NIKINA, TS.I., kand.biol.nauk;
BUTUZKINA, T.G.; PETRUSHENKO, N.G., inzh.; BOGOROLOV, P.V., inzh.;
POLYAKOV, V.F., inzh.; RYSIN, V.I., inzh.

Exchange of experience among the enterprises of economic councils.
Torf. prom. 38 no.8:30-34 '61. (MIRA 14:12)

1. Belorusskiy institut inzhenerov zheleznodorozhnogo transporta
(for Razhevskiy). 2. TSentral'naya torfo-bolotnaya optytnaya
stantsiya (for Butuzkina). 3. Torfopredpriyatiye Tesovo 1,
Lengostorf (for Petrushenko, Bogomolov). 4. Sverdlovskaya
fabrika izoplit (for Polyakov). 5. Torfopredpriyatiye Radovitskiy
mokh Mosoblsovnarkhoza (for Rysin).
(Peat machinery)

KVASNIKOV, Ye.I.; PETRUSHENKO, O.P.

Effect of radioactive phosphorus on the various microbiological processes in the soil. Dokl. AN Uz. SSR no.1:55-58 '57.
(MIRA 11:5)

1. Institut botaniki AN UzSSR. Predstavлено членом-корреспондентом
АН УзССР С.С. Садыковым.

(Phosphorus--Isotopes)
(Soil biology)

PETRUSHENKO, O.P.; SALAKHOV, Kh.

Nodule-forming bacteria in the soil, their activity and viability.
Uzb. biol. zhur. 9 no. 6:20-23 '65 (MIRA 17:1)

1. Institut botaniki AN UzSSR. Submitted October 9, 1964.

USSR /Microbiology. Soil Microbiology.

F-3

Abs Jour: Referat. Zh.-Biol., No. 1, 1967, 35613

Author : Kvasnikov, E.I.; Petrushenko, O.P.

Title : Some Peculiarities of the Influence of "Rishtansk-Bituminous" Oil Products, and Angren Coal Dust on Soil Microorganisms.

Orig Pub: Izv. Akad. nauk UzSSR, 1954, No. 4, 69-77

Abstract: Under the influence of bituminous introduced in a quantity of 5 g. into a Petri dish with an Eshba medium the reproduction of Azotobacter chroococcum (strain AN₉₂) in a pure culture took place more intensively, and a characteristic zone of stimulation was formed. The energy of nitrogen fixation stimulates best of all in a dose of bituminous calculated at 5 T/ga (172% of the control). Pure oil (the same method) has a depressing

Card 1/3

USSR /Microbiology. Soil Microbiology.

F-3

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35613

influence on the development of Azotobacters -- the sterile zone around the introduced oil products extends 3mm. Mazut has a still more depressing action. Coal dust does not retard the development of Azotobacters. A low dose of oil (170 mg. to 100 ml.) insignificantly stimulates nitrogen fixation. A higher dose retards this process. The volatile fraction of the oil can be a source of organic feeding for some soil microorganisms, the nominal-mold fungi and the actinomycetes.

The positive influence of bituminous oil products and coal dust on the development of cotton (in the early stages) in sand is connected, evidently, chiefly with the action of these substances on the microflora of the soil. Field experiments

Card 2/3

PETRUSHENKO, O. P., CAND BIO SCI, "AZOTOBACTER IN THE
SOILS OF UZBEKISTAN AND CERTAIN PECULIARITIES OF ITS BIO-
LOGY." TASHKENT, 1961. (ACAD SCI UZSR. INST OF BOTANY).
(KL-UV, 11-61, 215).

-91-

PETRUSHENKO, O.P.

Development of Azotobacter in the rhizosphere of cotton plants
grown from seeds treated with bacterial fertilizers. Izv. AN
Uz.SSR, Ser. biol. nauk no. 3:75-82 '57. (MIRA 11:8)
(Cotton growing)
(Azotobacter)
(Rhizosphere microbiology)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

Entire train of railroads, except the New Haven, Boston & Albany, and the Hudson River, were taken over by the State of New York.

• COMMUNES, 1861.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4"

REF ID: A6513

SCHEMATIC DRAWING

AUTHOR: S. V. V. N.; REV. N; G. I.; DRAWING, S. K.

COD: none

TYPE: Semiconductor memory

SOURCE: Vsesoyuznyj nauchno-tekhnicheskij sbornik, no. 3, 1966, 25-61

TOPIC CODE: Computer memory, electronic amplifier

DATE: 1966

ABSTRACT: The Institute of Cybernetics of the Academy of Sciences of the Ukrainian SSR has developed a diode-transistor long term memory device with a capacity of 1,192 52-digit numbers. The device consists of an address decoder, 64 calculating sections and a reading section plus 55 readout amplifiers. In order to ensure the reliability of the memory unit, built-in control of all units which determine the address of a number cell is provided. The memory unit is divided into three portions (built-in control on module 3). Components of the unit was tested using an experimental model with a capacity of 512 52-digit numbers. Primary attention was given to the quantity and nature of the noises at the output of the cells. Inductive and capacitive noises did not exceed the signal level. Accessing frequency is 600 KCS. Orig. art. has: 3 figures. (JPRS: 37,757)

Card 1/1

DDC: 621.342.65

09281525

KHALIZOVSKAYA, N. I.; PETRUSHENKO, V. D.

Alfalfa

Summer sowing of alfalfa and sainfoin on fallow with a millet cover crop.
Petrushenko, V. I. Khalizovskaya Sov. agron. 1C, no. 7, 1956.

9. Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

PETRUSHENKO, V. D., KHALIZOVSKAYA, N. I.

Sainfoin

Summer sowing of alfalfa and sainfoin on fallow with a cereal cover crop. S. v.
agron. 10, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1953^X. Unclassified.

PETRUSHENKO, V. E., KHALIZOVSKAYA, N. I.

Millet

Summer sowing of alfalfa and raintoin on fallow with a millet cover crop. Sov. agron. 10 no. 1, (1952).

9. Monthly List of Russian Accessions, Library of Congress, September 1958. Unclassified.
?

ISECHESCU, Dimitriy (Isacescu, D.); IONESCU, I. (Ionescu, I.); PETRUSH,
Ileana [Patrus, Ileana]

Studies in the field of furfurole. XI. The furfuroleacetone resins.
XII. On the possibility of lattice forming in the furfurole-acetone
resins with formaldehyde and phenols. Rev chimie 5 no.2:187-222 '60.
(EEAI 10:4)

1. TSentr khimicheskikh issledovaniy Akademii nauk RNR, Bukharest.
2. Akademiya RNR, chlen-korrespondent Akademii nauk RNR (for Isacescu)
(Furaldehyde) (Acetone) (Gums and resins, Synthetic)
(Phenol) (Formaldehyde)

PETRUSHENKO, N.

Education problems in newspapers. Pozh.delo 5 no.11:19 II
'59. (MIEA 13:4

1. Redaktor gazety "Trevoga," organa Upravleniya pozharnoy okhrany
Ukrainy.
(Ukraine--Newspapers)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

KUWAIT, 1990, 1991, 1992, 1993

AIRPORTS

MAPS OF AIRPORTS IN KUWAIT, 1990, 1991, 1992, 1993

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

~~CONFIDENTIAL~~

WILL

RECEIVE THE INFORMATION
IN THE ATTACHED

~~ROUTINE LIST OF NAMES AND LOCATIONS OF PERSONS, PLACES, OR THINGS~~

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001240620020-4"

PERIODICALS, v. . .

"The Effect of Layers of Grass Mixtures of
Perennials on Soil Composition in the Urtzalain
Steepe," Technivendent e, v. 2, 1967.

PETRUSHENKO, V. Z.

20943. Petrushenko, V. Z. K voprosu o vityani i slastu travozmeni khudozhnikov na na strukturnu pochuy v usloviyakh strel' ukrainy. Trudy Nauk. s.-z. in ts. t. 1, 1971, s. 43-54. --Bibliogr. 21 nazv.

SO: LETOCHIS ZEVTVAI STATEY V 1. P., Moskva, 1971.

PETRUSHENKO, Ye.I.

Calculation of current density distribution in closed current
conductors. Izv. vys. tschek. zav.; elektromekh. 7 no.6:647-656
'64. (MIRA 17:7)

PETRUSHENKO, Yevgeniy Ivanovich, Aspirant; KSYUNIN Anatoliy Georgiyevich,
assistant

Numerical method for calculating the capacitance of printed
circuit strips. Izv. vys. ucheb. zav.; elektromekh. è no.12.
1283-1288 '63. (MIRA 17:1)

1. Kafedra teoreticheskoy i obshchey elektrotekhniki Novo-
cherkasskogo politekhnicheskogo instituta.

PETRUSENKO, Ye. I.

Treatment of peptic ulcers by the chen-dhiu method. Sbor.
trud. GMI no.9:198-203 '62. (MIRA 17:2)

1. Iz kafedry fakul'tetskoy terapii Blagoveshchenskogo
meditsinskogo instituta (zav. - dotsent S.Sh. Pinkus) i
kafedry gospital'noy terapii Gor'kovskogo meditsinskogo
instituta (zav. - prof. V.G. Vogralik).

PETRUSHENKO, Yevgeniy Ivanovich, aspirant

Calculation of the capacitance of strip-type transmission lines.
Izv. vys. ucheb. zav.; elektromekh. 6 no.6:656-661 '63.
(MIRA 16:9)
1. Kafedra teoreticheskoy i obshchey elektrotakhniki Novocher-
kasskogo politekhnicheskogo instituta.
(Printed circuits)

L 11638-66 EWT(1) GG

ACC NR: AR5018673

UR/0196/65/000/007/A008/A008
538.311

62

B

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 7A57

AUTHOR: Tozoni, O.V.; Petrushenko, Ye.I.TITLE: Calculating the field of electromagnetic devices with the help of a digital computing machine

CITED SOURCE: Sb. Komunal'n. kh-vo. Vyp. 2. Kiyev, Budivel'nyk, 1964, 3-13

TOPIC TAGS: magnetic field, computer, electromagnetic field, magnetic permeability, steel

TRANSLATION: A study was made of the algorithm of a field calculation in electric and technical devices, convenient to realize on a digital computing machine and depending on two spacial coordinates only, i.e., plane. The magnetic permeability is considered to be permanent. The calculation of the field in a linear and magnetically heterogeneous media is reduced to the calculation of a field in a vacuum by using the G.A. Grinberg method. 4 illustrations and 4 references. I. Tikhomirov

SUB CODE: 14, 09

A 14 09

Card 1/PC

PETRUSHEV, E.M.

Osnovy elektrooborudovaniia samoletov. Moskva, Oborongiz, 1943. 160 p., illus., diagrs.

Bibliography: p. 160

Title tr.: Fundamentals of aircraft electrical equipment.

TL690.P4

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

PETRUSHEV, I.

"New government measures for improving the rationalization and standardization
work."

p. 1 (Ratsionalizatsiia) Vol. 7, no. 6, June 1957
Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

PETRUSHEV, I.

Toward new success in rationalization. p. 1.

RATIONALIZATSIIA. Vol. 6, no. 5, May 1956.

Sofia, Bulgaria

SOURCE: East European Ac~~cessions~~essions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

BURMISTROV, P.I.; SAMOYLOVICH, S.D.; DEMICHEV, G.M.; KONONOV, V.A.;
EVENCHIK, S.D.; BRODOVSKIY, N.N.; PAVLOV, S.M.; BOBROV,
A.A.; BASKIN, A.I.; SHKOL'NIKOV, S.A.; VASIL'YEV, B.K.;
DRANNIKOV, A.B.; RIKMAN, M.A.; BURAKOV, V.A.; VLADIMIROV,
A.P.; NIKOLAYEVSKIY, G.M.; PETRUSHEV, I.M., red.;
GERASIMOVA, Ye.S., tekhn. red.

[Mechanization of loading, unloading and storing opera-
tions in industrial enterprises] Mekhanizatsiya pogruzochno-
razgruzochnykh i skladskikh rabot na promyshlennyykh pred-
priatiakh. Moskva, Ekonomizdat, 1963. 276 p.
(MIRA 17:2)

FILIPPOV, Viktor Fedorovich; PETRUSHEV, I.M., red.; GERASIMOVА,
Ye.S., tekhn. red.

[Analysis of the cost of production and profitability of
industrial enterprises] Analiz sebestoimosti produktsii i
rentabel'nosti promyshlennyykh predpriatii. Moskva, Izd-
vo "Ekonomika," 1964. 113 p.
(MIRA 17:4)

GUR'YANOV, Sergey Khrisanfovich; POLYAKOV, Ivan Avdeyevich; REMIZOV,
Konstantin Sergeyevich; PETRUSHEV, I.M., red.; PONOMAREVA,
A.A., tekhn. red.

[Labor economist's manual; method for planning labor
economics in an industrial enterprise] Spravochnik ekono-
mista po trudu; metodika raschetov po ekonomike truda na
promyshlennom predpriatii. Izd.2., ispr. i dop. Moskva,
Ekonomizdat, 1963. 295 p. (MIRA 16:8)
(Labor economics)

KOROVINA, Zinaida Pavlovna; PETRUSHEV, I.M., red.; SMIRNOV, A.S.,
spets. red.; PONOMARENKO, N.N., techn. red.

[Method of calculating the time expended per unit of
production] Metodika raschetov trudoemkosti produktsii. Mo-
skva, Ekonomizdat, 1963. 94 p. (MIRA 16:10)
(Time study) (Labor productivity)

POKIZOV, Trofim Ivanovich; PETRUSHEV, I.M., red.; GERASIMOVA,
Ye.S., tekhn. red.

[Industrial production administration in the U.S.S.R.] Up-
ravlenie priyomstvennym proizvodstvom v SSSR. Moskva, Eko-
nomizdat, 1963. 219 p.
(MIRA 16:12)
(Industrial organization)

DODONOV, Afanasiy Alekseyevich, prof.; PETRUSHEV, I.M., rec.;
GERASIMOVA, Ye.S., tekhn. red.

[Accounting problems in U.S.S.R. industry] Problemy bukni-
galterskogo ucheta v promyshlennosti SSSR. Moscow, Eko-
nomika, 1964. 326 p.
(MIRA 17:3)

LOGINOV, Zakhariy Ivanovich; PETRUSHEV, I.M., red.; PONOMAREVA, A.A.,
tekhn.red.

[Cement industry of the U.S.S.R. and the outlook for its
development] Tsementnaya promyshlennost' SSSR i perspektivy
ee razvitiia. Moskva, Gosplanizdat, 1960. 251 p. (MIRA 13:3)
(Cement industries)

L'VOV, Mikhail Sergeyevich; KELLER, Aleksandr Aleksandrovich; PETRUSHEV,
I.M., red.; GAL'PERSON, Ye.B., spetsred.; Gerasimova, Ye.S., tekhn.red.

[Petroleum and gas industries of the U.S.S.R. in the seven-year
plan] Neftianaya i gazovaya promyshlennost' SSSR v semiletke.
Moskva, Gosplanizdat, 1960. 84 p. (MIRA 13:6)
(Petroleum industry) (Gas, Natural)

KARPOV, Lev Dmitriyevich; PETRUSHEV, I.M., red.; GERASIMOVA, Ye.S.,
tekhn. red.

[Potentials for economy in loading and unloading operations
in industry; based on the example of machinery manufacture]
Rezervy ekonomii na pogruzochno-razgruzochnykh rabotakh v pro-
myshlennosti; na primere mashinostroenia. Moskva, Ekonomizdat,
1962. 319 p. (MIRA 15:10)

(Loading and unloading—Cost of operation)
(Machinery industry)

LEVIN, Isidor Markovich; PETRUSHEV, I.M., red.; ZAV'YALOVA, A.N., red.;
GERASIMOVА, Ye.S., tekhn. red.

[Planning and the analysis of work and wages in an industrial enterprise]
Planirovanie i analiz truda i zarabotnoi ; laty na promyshlennom pred-
priatii. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 232 p.
(MIRA 14:11)

(Moscow--Industrial management)
(Moscow--Wage payment systems)

BRENNER, Mark Mironovich, doktor ekon. nauk; VAYNER, I.Ya., nauchnyy
red.; LEVITSKIY, F.I., nauchnyy red.; PETRUSHEV, I.M., red.;
PONOMAREVA, A.A., tekhn. red.

[Economics of the petroleum industry of the U.S.S.R.] Ekonomika
neftianoi promyshlennosti SSSR. Moskva, Ekonomizdat, 1962. 391 p.
(MIRA 15:8)

(Petroleum industry)

BERKOV, Yevgeniy Aleksandrovich; PETRUSHOV, I.M., red.; NEYSHTADT, I.S.,
spetsared.; POYOMAHEVA, A.A., tekhn.red.

[Importance of polymers in the national economy of the U.S.S.R.]
Znachenie polimernykh materialov o narodnom khoziaistve SSSR.
Moskva, Gosplanizdat, 1960. 156 p.

(MIRA 14:2)

(Polymers)

DONETS, Vasiliy Prokof'yevich; METT, G.Ya., spets. red.; PETRUSHEV,
I.M., red.; GERASIMCVA, Ye.S., tekhn. red.

[Planning, accounting for, and analyzing the operations of
shops in machinery plants] Planirovaniye, uchet i analiz ra-
boto tsekhov na mashinostroitel'nykh zavodakh. Moskva,
Ekonomizdat, 1963. 119 p. (MIRA 16:6)
(Machinery industry--Management)

DMITRIYEV, Mikhail Vasil'yevich, prof.; Prinimali uchastiyе:
DMITRIYEVA, R.I., kand. ekon. nauk; DMITRIYEV, A.M.;
PETRUSHEV, I.M., red.; GERASIMOVA, Ye.S., tekhn. red.

[Accounting and the analysis of the economic operations of
an industrial enterprise] Bukhgalterskii uchet i analiz kho-
ziaistvennoi deiatel'nosti promyshlennogo predpriatiia. . .
dop. i perer. Moskva, Ekonomizdat, 1963. 561 p.

(MIRA 16:0

(Accounting) (Industrial management)

SHAPCHENKO, Aleksey Aleksandrovich; METT, G.Ya., red.; PETRUSHEV, I.M.,
red.; GERASIMOVA, Ye.S., tekhn. red.

[Methodology of establishing norms for unfinished production]
Metodika normirovaniia nezavershennogo proizvodstva. Moskva,
Ekonomizdat, 1963. 113 p.
(MIRA 16:3)
(Machinery industry—Production standards)

MIL'NER, Bentsion Zakharovich; PETRUSHEV, I.M., red.; GERASIMOVA,
Ye.S., tekhn. red.

[Improving the organization of industrial transportation]
Sovershenstvovanie organizatsii promyshlennogo transporta.
Moskva, Ekonomizdat, 1963. 183 p. (MIRA 16:3)
(Materials handling)

DMITRIYEV, Mikhail Vasil'yevich, prof.; DMITRIYEVA, R.I.; PETRUSHEV,
I.M., red.; SUMTSOV, A.I., spetsred.; GERASIMOVA, Ye.S.,
tekhn.red.

[Accounting and analysis of the economic operation of an
industrial enterprise] Buhgalterskii uchet i analiz kho-
ziaistvennoi deiatel'nosti promyshlennogo predpriatiiia.
Moskva, Gosplanizdat, 1959. 504 p. (MIRA 13:2)

1. Starshiy ekonomist Upravleniya finansirovaniya sovnarkhozov
Ministerstva finansov RSFSR (for R.I.Dmitriyeva).
(Accounting) (Industrial management)

PETRUSHEV, I. M.

FEDOROVICH, Mikhail Mikhaylovich; LEOSHIN, A.P., dotsent, kand.ekonom. nauk; POLYAKOVA, dotsent, kand.ekonom.nauk; KOVALEVA, A.M., kand. ekonom.nauk; TIKHOMIROV, V.A., dotsent, kand.tehn.nauk, retsenzent; KOVYLIN, I.I., insh., retsenzent; TEPLOV, T.V., prof., doktor ekonom. nauk, retsenzent; FEDORENKO, N.P., prof., doktor ekonom.nauk, retsenzent; TROITSKIY, D.A., dotsent, retsenzent; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; GERASIMOVA, Ye.S., tekhn.red.

[Organization and planning of chemical enterprises] Organizatsiya i planirovanie khimicheskogo predpriatija. Moskva, Gosplanizdat, 1959. 547 p. (MIRA 12:7)

(Chemical industries)

GRIGOR'YEV, Andrey Yevgen'yevich; PETRUSHEV, I.M., red.; GERASIMOVA,
Ye.S., tekhn.red.; PONOMAREVA, A.A., tekhn.red.

[Economics of labor] Ekonomika truda. Moskva, Gosplanizdat,
1959. 375 p. (MIRA 12:8)
(Labor and laboring classes)

GUR'YANOV, Sergey Khrisanfovich; POLYAKOV, Ivan Avdeyevich; REMIZOV,
Konstantin Sergeyevich; VORONOV, V.V., red.; PETRUSHEV, I.M.,
red.; PONOMAREVA, A.A., tekhn. red.

[Labor economist's reference book; method for calculating the
economics of labor in an industrial enterprise] Spravochnik
ekonomista po trudu; metodika raschetov po ekonomike truda na
promyshlennom predpriiatii. Moskva, Izd-vo ekon. lit-ry,
1962. 285 p.

(Labor and laboring classes)
(Industrial management)

PETRUSIEVICH, V.A.; SERGEYEV, V.M.

Optical and electrical properties of In_2Te_3 . Pis. tver. tela 2
no.11:2881-2884 N '60. (MIRA 13:12)

1. Institut poluprovodnikov AN SSSR, Leningrad.
(Indium telluride)

PETROSEVICH, V.A.; SERGEYEVA, V.M.; SMIRNOV, I.A.

Relationship between the thermal and optical properties of In₂Te₃.
Fiz. tver. tela 2 no.11:2894-2898 N '60. (MIRA 13712)

1. Institut poluprovodnikov AN SSSR, Leningrad.
(Indium telluride)

24,7700(1035,1043,1469)

22061
S/181/61/003/004/027/030
B102/B209

AUTHOR: Petrusevich, V. A.

TITLE: Determination of some semiconductor parameters from the spectral distribution curve of photoconductivity

PERIODICAL: Fizika tverdogo tela, v. 3, no. 4, 1961, 1268-1271

TEXT: In a previous paper (FTT, II, 1022, 1960), the author, together with V. K. Subashiyev and G. V. Dubrovskiy, described a number of new methods of determining recombination constants. In continuation of these studies, it is now shown that the dependence of the absorption coefficient κ on the wavelength at high κ values can be determined from the spectral distribution curves of photoconductivity. A rectangular plate of thickness d has been examined on the assumption that the recombination rates on the exposed and on the opposite face are S_1 and S_2 , respectively, where $S_1 \neq S_2$. The electron and hole lifetimes are assumed to be equal to $\tau_n = \tau_p = \tau$; traps do not exist. The spectral distribution curve of photoconductivity (referred to 1 quantum/sec) may be represented by ✓

Card 1/5

22061

Determination of ...

S/181/61/003/004/027/030
B102/B209

$$\Delta\sigma = \frac{B}{(1 - k^2 L^2)(1 - Re^{-kd})} \left\{ 1 - e^{-kd} - \frac{L^2}{1 + \frac{L^2}{a_1 a_2} + L \left(\frac{1}{a_1} + \frac{1}{a_2} \right) \operatorname{ctn} \frac{d}{L}} \times \right. \\ \times \left[\left(\frac{1+R}{a_2 k} - 1 + R \right) \left(1 + \frac{L}{a_1} \operatorname{th} \frac{d}{2L} \right) e^{-kd} + \right. \\ \left. \left. + \left(1 - Re^{-2kd} + \frac{1+Re^{-2kd}}{a_1 k} \right) \left(1 + \frac{L}{a_2} \operatorname{th} \frac{d}{2L} \right) \right] \right\}. \quad (1)$$

if the field strength of the external source is not too high and the light intensity is low. In this formula, k denotes the reflection coefficient which in the following is considered to be independent of λ ; $L = \sqrt{Dr}$ stands for the diffusion length, and D denotes coefficient of ambipolar diffusion. In the range of strong absorption ($kL \gg 1$; $kd \gg 1$), the expression $\Delta\sigma = h_1(1+1/a_1 k)$ is obtained in the place of (1). In this case, $\Delta\sigma = f(1/k)$ is a straight line cutting the abscissa at a_1 and the ordinate at

$$h_1 = \frac{BL^2 \left(1 + \frac{L}{a_1} \operatorname{th} \frac{d}{2L} \right)}{1 + \frac{L^2}{a_1 a_2} + L \left(\frac{1}{a_1} + \frac{1}{a_2} \right) \operatorname{ctn} \frac{d}{L}}. \quad (4)$$

Card 2/5

S, 181/61/003/004/027/030
B102/B209

Determination of ...

$a_1 = D/S_1$, $a_2 = D/S_2$. When $d/2L \approx 1$, one obtains $L = (h_2 - h_1)/(\frac{h_1}{a_1} - \frac{h_2}{a_2})$, or

$$L = \frac{a_1}{2} \frac{h_2(a_1 + a_2) - 2h_1a_2}{h_1a_2 - h_2a_1} + a_1 \sqrt{\left(\frac{h_2(a_1 + a_2) - 2h_1a_2}{2(h_1a_2 - h_2a_1)} \right)^2 + a_1^2 \frac{h_2 - h_1}{h_1a_2 - h_2a_1}}, \quad (8)$$

$d = 2(h_2 - h_1)/(\frac{h_1}{a_1} - \frac{h_2}{a_2})$ when $d/2L \not\approx 1$. This formula can be used to calculate,

e. g., the thickness of thin semiconducting layers directly from measurements of the photoconductivity, without any accessories. When $d/2L \not\approx 1$, the expression

$$L' = \frac{h_2 - h_1}{\left(\frac{1}{a_1} - \frac{1}{d} \right) \left(\frac{h_1}{a_1} - \frac{h_2}{a_2} \right) - \frac{h_1 - h_2}{a_1 d}}. \quad (9)$$

holds, too. Eqs. (8) and (9) are valid on the assumption that, initially, $S_1 = S_2 = S$, and that after an external action S changes into S' on the illuminated face. $\Delta S = D(1/a_1 - 1/a'_1)$, where $S = S - S'$. Using these formulas, one finds from photoconductivity measurements that L and S are

Card 3/5

22061

S/181/61/003/004/027/030
B102/B209

Determination of ...

functions of external effects (exposure, gaseous medium, etc.). The straight line $\Delta\phi = f(1/k)$ can be derived from the experimental curve $\Delta\phi = f(\lambda)$ if the function $k(\lambda)$ is known. When the curve $\Delta\phi = f(1/k)$ is available, $k(\lambda)$ can be determined from it. Finally, some advantages of this method are pointed out, above all its experimental and calculative simplicity. [Abstracter's note: In the numerator of Eq.(4) a^2 should read a_2 . Following Eq.(1), k is defined as the reflection coefficient, obviously by mistake; before and after it is defined as the absorption coefficient. e. g., in Eq.(3) which is derived from (1). k is said to be independent of λ , which seems to be incorrect since $k(\lambda)$ is a function which is required in the following.] There are 1 figure and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: H. B. De Vore, Phys. Rev. 102, 86, 1956.

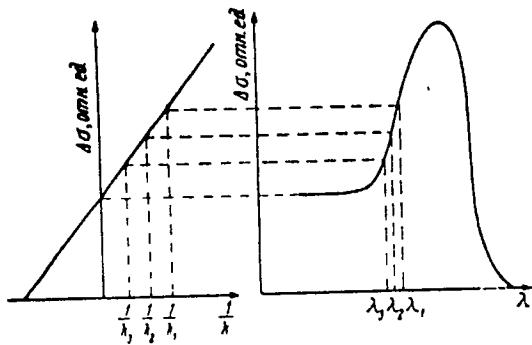
ASSOCIATION: Institut poluprovodnikov AN SSSR Leningrad (Institute of Semiconductors, AS USSR, Leningrad)

SUBMITTED: September 30, 1960

Card 4/5

Determination of ...

“^{CCW1}
S/181/61/003/004/027/030
B102/B209



X

Card 5/5

9.4300 (1143, 1150, 1151)

23118
S/181/61/003/005/023/042
B136/B201

AUTHORS: Petrusevich, V. A., Subashiyev, V. K., and Morozov, G. P.

TITLE: Study of germanium by photoelectric methods

PERIODICAL: Fizika tverdogo tela, v. 3, no. 5, 1961, 1505-1514

TEXT: The authors have suggested in earlier papers that the diffusion length L, the surface-recombination constant, the absorption coefficient k, and other quantities be determined from the spectral distribution curve of photoconductivity (SPH). From the formula derived here for the ratio of photoconductivity Δ^- (λ) to photoconductivity Δ^- (∞) at the shortwave limit it follows that this ratio is a linear function of k, which cuts off the section $b = -1/L$ on the abscissa, and the section $y = (D/s) (1/L)$ on the ordinate. D is here the coefficient of ambipolar diffusion. s can be determined therefrom. Also the absorption coefficient can be determined analytically or graphically. The measuring arrangement has already been described in ref. 4 (V. A. Petrusevich, Sb. FTT, I, 56, 1959). SPH and, for comparison, the photomagnetic effect (PHME) were measured for each specimen and each kind of surface treatment. The effect of the reflection factor R

Card 1/5

Study of germanium ...

23118

S/181/61/003/005/023/042
B136/B201

which normally depends upon the wavelength, is eliminated by the choice of certain etching methods. The values for s obtained by the PHME method are found to be particularly low in cases where the specimens are pickled after grinding or polished with a pad after etching. The diffusion length L display a very good reproducibility even with different surface treatments. Aside from few cases, the continuous $k(\lambda)$ curve obtained by the usual method is in excellent agreement with the values calculated point by point with the use of the formula

$$k = \frac{1}{\sigma} \frac{1}{\frac{\Delta\sigma(\lambda)}{h} - 1} = \frac{F}{L} \frac{1}{\frac{\Delta\sigma(\lambda)}{\Delta\sigma(\infty)} - 1}. \quad (8)$$

The cause of the deviations is probably to be found in the existence of a potential barrier on the surface, and explains why this method is doubtful. A comparison between the methods of measuring the recombination constant s shows that the PHME method has certain disadvantages in that it calls for particularly thin specimens, and, in addition, D and L must be exactly known. Although the formula for s , upon which the PHME method is

Card2/5

23118

Study of germanium ...

S/181/61/003/005/323/0:2
B136/B201

based, may be simplified, it is only applicable with small s and a specimen thickness of only few μ . The coefficient of ambipolar diffusion may be also obtained by the combination of two formulas indicated here and by the measurement of both PHME and SPH. The agreement between experimental and theoretical curves also corroborates the assumption that n must be equal to n_0 .

[Abstractor's note: not explained] A comparative experiment was performed to check the new method. The agreement of experimental data depends on whether the surface properties play a part or not; their effect upon the measured quantities is explained in detail. Finally, the values found here by different methods and exhibiting good agreement prove that the concept of the diminution of photosensitivity in the case of short wavelengths may be explained by the effect of surface recombination of the carriers. There are 6 figures, 2 tables, and 10 references: 3 Soviet-bloc and 7 non-Soviet-bloc. The two most recent references to English-language publications read as follows: R. N. Zitter, A. J. Strass, A. E. Attard, Phys. Rev. 115, 266, 1959; R. Braunstein, A. R. Moore, F. Herman, Phys. Rev., 109, 695, 1958;

ASSOCIATION: Institut poluprovodnikov AN SSSR Leningrad
(Institute of Semiconductors, AS USSR Leningrad)

Card 3/5

LEVIN, Boris Menakhemovich, dots., kand. ekonom. nauk; LEVIN, Abram Naumovich, doktor tekhn. nauk, prof.; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S., red.; GERASIMCOVA, Ye.S., tekhn. red.

[Using plastics and saving materials in industry] Primenenie plastmass i ekonomiiia materialov v promyshlennosti. Moskva, Ekonomizdat, 1962. 242 p. (MIRA 15:6)
(Plastics)

RUTMAN, G.L.; PERMYAKOV, V.P., ekon., retsenzent; PETRUSHEV, I.M., inzh.-ekonom., red.; ANTIPOV, V.P., red. izd-va; UVAROVA, A.Y., tekhn. red.

[Management of a machinery plant] Upravlenie mashinostroitel'nym zavodom. Moskva, Gos. nauchno-tekhnik. izd-vo mashinostroit. lit-ry, 1961. 97 p. (MIRA 14:8)
(Machinery industry—Management)

BISHAYEV, Mikhail Andreyevich, kand.ekonom.nauk; FEDOROVICH, Mikhail
Mikhaylovich, prof.; PETRUSHEV, I.M., red.; TER-STEPANYANTS, M.S.,
red.; GERASIMOVA, Ye.S., tekhn.red.

[Organization of the administration of industrial production]
Organizatsiia upravleniya promyshlennym proizvodstvom. Moskva,
Gos.izd-vo planovo-ekon.lit-ry, 1961. 224 p.

(MIRA 14:6)

(Industrial organization)

KHEYNMAN, Solomon Aronovich; KLIMENKO, K.I., doktor ekonom.nauk, red.;
MOSKVIN, D.D., red.; PETRUSHEV, I.M., red.; PONOMAREVA, A.A.,
tekhn.red.

[Production organization and labor productivity in the U.S.S.R.
industry; based on machinery manufacturing and ferrous metallurgy]
Organizatsiia proizvodstva i proizvoditel'nost' truda v promyshlen-
nosti SSSR; na primere mashinostroeniia i chernoi metallurgii.
Pod obshchei red. K.I.Klimenko. Moskva, Gos.izd-vo planovo-ekon.
lit-ry, 1961. 225 p. (MIRA 14:6)

1. Institut ekonomiki AN SSSR.
(Steel industry) (Machinery industry)
(Labor productivity)

PETRUCHEV, I.

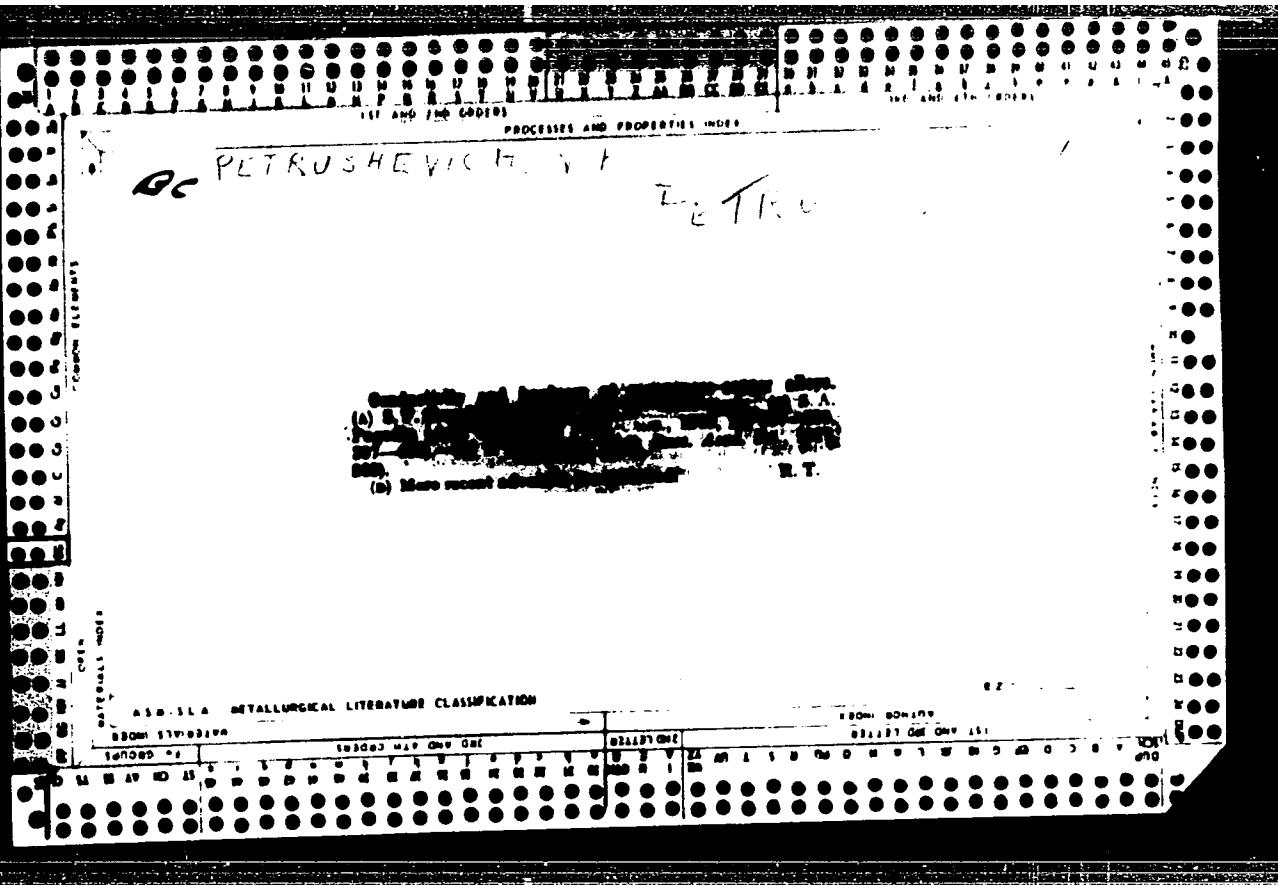
"Some problems of the rationalizers for 1957."

p. 1 (Rationalizatsiya) No. 7, no. 1, Jan. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Acquisitions (EIAI) Vol. 7, no. 4,
April 1958

PETRUSHEV, Yu.I., mashinist ekskavatora ('Borispol', Kiyevskoy obl.)

Improving the shovel on the E-652 excavator, Stroi. truboprov.
8 no.12:30 D '63. (MERA 17:4)



PUTYUSHENSKAYA, N.G.

Characteristics of the skeletal structure of the radiolarian
Botrycidae (former Nasellaria). Trudy Zool. Inst. im. Steklova.
Izdat. Akad. Nauk SSSR. 1961. No. 102. p. 1-102.
(MIR) Leningrad
I. Zoolicheskij Institut Akad. SSSR.

PETRUSHEVSKAYA, M.G.

Role of the skeleton growth in Radiolaria in their taxonomy.
Zool. zhur. 41 no.3:331-341 Mr '62. (MIR 15:3)

1. Zoological Institute of the Academy of Sciences of the U.S.S.R.,
Leningrad.
(Radiolaria)

PETRUSHEVSKIY, G.K. [deceased]; PETRUSHEVSKAYA, M.G.

Reliability of quantitative indices in studying the parasites
of fishes. Paraz.sbor. 19:333-343 '60. (MIRA 13:8)

1. Zoologicheskiy institut Akademii nauk SSSR i Kafedra zoologii
bespozvonochnykh Leningradskogo gosudarstvennogo universiteta.
(Parasites--Fishes)

PETRUSHEVSKAYA, M.G.

Taxonomy of trematodes of the genus Azygia found in fishes of
the U.S.S.R. Vest. LGU 17 no.3:79-92 '62. (MIRA 15:2)
(Parasites—Fishes)
(Trematoda)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4

PETRUSHEVSKIY, A. and PETRUSHEVSKIY, V.

The Ship Operational Practice, Volume I..
St. Petersburg, 1905.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240620020-4"

ALEKSEYEV, Ya.K. (g. Nizhnedneprovsk); PETRUSHEVSKIY, A.P. (g. Nizhnedneprovsk); SHRAMKO, V.I. (g. Nizhnedneprovsk).

Labor upswing. Put' i put. khoz. no.2:29 P '59. (MIRA 12:3)

1. Nachal'nik Nizhnedneprovskogo strelotechnogo zavoda, g. Nizhnedneprovsk (for Alekseyev). 2. Glavnnyy inzhner Nizhnedneprovskogo strelotechnogo zavoda (for Petrushevskiy). 3. Glavnnyy tekhnolog Nizhnedneprovskogo strelotechnogo zavoda (for Shramko)
(Nizhnedneprovsk--Railroads--Switches)

1. PETRUSHEVSKIY A.I., Prof., BAUER O.N.

2. USSR (600)

4. Ukraine-Parasites

7. "Parasitic fauna of fresh-water fish of the Ukrainian SSR." Prof. A.I. Markevich. Reviewed by G.F. Petrushevskiy and O.N. Bauer. Ryb. khoz. no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April _____ 1952, Vol. 1.

SEREБRYANYY, A. M. , PETRUSHEVSKY, A. S.

Machine-Shop Practice

Machining of white cast iron cylinders. Stan. i instr., 23, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 Unclassified.

SERGIERYANOV, A. M., PETROVSKIY, A. S.

Machine-Shop Practice

Machining of white cast iron cylinder. Tsvet. i Metal., No. 1, 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952. Incl. 1951.

PETRUSHEVSKY, B.A., doktor geologo-mineralog. nauk

In India; notes of a member of the International Geological Congress.
Zem. i vsel. 1 no.3:42-50 My-Je '65.

(MIRA 18:8)

PETRUSHEVSKY, B. A.

PA - 47

~~UNCLASSIFIED~~/Geology
Tectonics

Jan/Feb 1948

"Structure of the Tertiary Deposits of T'ien Shan,"
B. A. Petrushevsky, 39 pp

"Byul Mosk Obshch Isply Prirod, Nova Ser, Vol LIII,
Otdel Geolog" Vol XXIII, No 1

Describes tertiary stratum of large intramontane
cavities of T'ien Shan (Issykul'sk, Marynsk,
Atbashinsk and others) divided by author into three
formations established for whole of territory in-
vestigated. Age of lowest identified as oligo-
miocene, middle as neogene, and uppermost as
neogene-early quaternary. Describes structures of
intramontane cavities.

68-67

PETRUSHEVSKY, B. A.

PA 2/50779

USER/Geology - Orology
Orography

Oct 48

"History of the Development of the T'ien-Shan in
Mesozoic and Cenozoic Times," B. A. Petrushevskiy,
19 pp

"Byul Mos Obshch Ispytat Prirody, Otdel Geol" Vol
XIII, No 5,

describes geology, deposits and dip, and nature of
orological movements. Concludes that stability of
T'ien-Shan's upheaval is predominant tendency in
course of Mesozoic and Cenozoic, thus sharply differ-
ing from Fergana but closely approximating Caucasus

2/50779

USER/Geology - Orology
Orography (Coastal)

Oct 48

folded region. Neocene and later movements remake
the T'ien-shan, as a constituent part of the
tremendous extensive Asiatic mountainous zone,
into present-day geosynclinal region.

3/50779

YANSHIN, A.L.; PATRUSHEVSKIY, B.A.; ALEKSANDROVA, M.I.; BORSUK, B.I.; VOLIN, A.V.; ZUBAKOVSKAYA, I.M.; YAKOVLEV, D.I.; BER, A.G.; BOROVIKOV, L.I.; BOITSOVA, Ye.P.; OVCHINKIN, N.K.; BESPALOV, V.F.; SHLYGIN, Ye.D.; SPERANSKIY, B.F.; KHAKHLOV, V.A.; RAGOZIN, L.A.; DITMAR, V.G.; GORSKIY, I.I., red.; KASSIN, N.G., red.; FOMICHEV, V.D., red.; DZEVANOVSKIY, Yu.K., red.; CHIKHACHEV, P.K., red.; KOMISHAN, I.S., red.; DASHKOVA, A.D., red.; VODOLAGINA, S., tekhn. red.; VDOVINA, M.P., tekhn. red.

[Geological map of the U.S.S.R., scale 1:1,000,000] Geologicheskaya karta SSSR, masshtab 1:1,000,000. [Explanatory notes to accompany sheet] Ob"iasnitel'naia zapiska k listu. L-40 [Emba] (Emba). 1949. 56 p. L-41 [Kzyl-Orda] (Kzyl-Orda). 1946. 20 p. L-42 [Karsakpay] (Karsakpai). 1949. 42 p. M-41 [Turgay] (Turgai). 1948. 28 p. M-43 [Karaganda] (Karaganda). 1947. 37 p. N-42 [Petropavlovsk] (Petropavlovsk) 1947. 27 p. N-44 [Novosibirsk] (Novosibirsk) 1948. 33 p. O-45 [Tomsk] (Tomsk). 1949. 26 p. O-49 [Kirensk] (Kirensk). 1947. 40 p. Moskva, Gos. izd-vo geol. lit-ry. (MIRA 11:8)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii.
(Geology--Maps)